S5010-1-U A

1984 Nevada Agricultural Statistics

NEVADA CROP AND LIVESTOCK REPORTING SERVICE

U.S. DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE

UNIVERSITY OF NEVADA-RENO
COLLEGE OF AGRICULTURE

STATE OF NEVADA
DEPARTMENT OF AGRICULTURE

P.O. Box 8880
Reno, Nevada 89507

FOREWORD

This annual report presents a summary of crop, livestock, price and related agricultural data for Nevada for 1984 along with comparisons for recent years. Early season forecasts and preliminary estimates are issued currently during the year by the Nevada Crop and Livestock Reporting Service. This bulletin contains some revisions of earlier releases based on sample surveys made later in the season and also on check information available after the end of the year.

The information presented is part of a continuing cooperative project of the United States Department of Agriculture, Statistical Reporting Service, the University of Nevada and the Nevada State Department of Agriculture, to provide the best possible statistical picture of Nevada's agriculture. Producers, farm organizations, agribusinessmen, haulers, financiers, governmental units, manufacturers and many others need accurate information upon which to base important marketing and planning decisions. The estimates presented on the following pages have been prepared as a tool for use in making these decisions.

We wish to acknowledge the valuable assistance of the many Nevada farmers and ranchers and others who willingly provided basic information for the estimates contained in this publication. Special recognition goes to the office staff for their assistance in preparing this publication. Compilation and computation of the data were done by Shirley A. Rinehart and Virginia M. Scherer.

A copy of this publication may be obtained upon your request to the Agricultural Statistician, P. O. Box 8880, Reno, Nevada 89507.

Sincerely,

Pete

Peter Dale Weber
Agricultural Statistician

NEVADA
Crop
& Livestock
Reporting Service

UNIVERSITY OF NEVADA RENO

Bernard M. Jones
Dean and Director

College of Agriculture
Cooperative Extension Service
Agriculture Experiment Station
University of Nevada Reno
Reno, Nevada 89557-0004
(702) 784-1610

Sept. 23, 1985

TO THOSE WHO ARE INTERESTED IN NEVADA'S AGRICULTURAL ECONOMY

Each year, the Nevada Crop and Livestock Reporting Service publishes statewide agricultural statistics in cooperation with the U.S. Department of Agriculture Statistical Reporting Service, the Nevada State Department of Agriculture and the University of Nevada-Reno College of Agriculture

Due to the cooperation of these three entities, statistical information is provided about the acreage, production and prices of Nevada's crops and livestock and the income of the state's farmers and ranchers.

We hope the information contained in this publication will be helpful to you and will provide a greater understanding of the state's agricultural industry.

Sincerely,

Bernard M. Jones

Bernard M. Jones
Dean and Director

AG:ja

N E V A D A C R O P A N D L I V E S T O C K R E P O R T I N G S E R V I C E

U. S. Dept. of Agriculture — Cooperating — Div of Agr & Resource Econ, U of Nev

Statistical Reporting Service — with — Nevada State Dept. of Agriculture

Max C. Fleischmann Agricultural Building, Rm 232, Reno, Nevada 89557

TABLE OF CONTENTS

Acreage Production and Value 2
Alfalfa Seed Summary 6
Barley Summary 5
Cash Receipts from Farm Marketings . 35
Cattle and Calves by Counties. . . . 24
Cattle on Feed 25
Chicken & Eggs, Production, Value . 33
Crop Summary 2,3
Crop Values 2
Dairy Products Manufactured 31
Dairy Summary 30
Farm Income 36
Farm Values 24
Fertilizer Consumption 35
Garlic Summary 3
Hay Summary 4
Honey and Bees 32
Land in Farms and Ranches 1
Livestock Inventory 26
Livestock on Farms 23
Livestock Production and Income . . 27
Livestock Slaughter 29
Livestock Specie Farms-Number . . . 1
Livestock Values 23
Milk
  Cow, Farm Value, Marketing Receipts 30
  Fat Test 31
  Milk Cows and Production 32
Milk Per Cow, Production Utilization 30
Number of Farms 1
Onion Summary 3
Pesticide Use (Aerial Application) 1984
  Alfalfa Hay, Alfalfa Seed . . . 10,11,12
  Alfalfa Seed, Barley 12,13
  Barley, Carrot Seed, Clover, Corn. 13,14
  Elm Trees, Garlic, Grain, Lettuce. . . 15
  Mint, Mosquitos, Oats 16
  Onions, Pastures, Potatoes 17
  Potatoes, Rangeland, Wheat 18
  Wheat 19
Pesticide Use (Ground Application) 1984
  Alfalfa Hay & Seed, Barley, Beef, Ditches 20
  Fallow Ground, Grain, Mint 21
  Non-Cropland, Oats, Railroads 21
  Railroads, Wheat 22
Prices Paid - Feed 35
Prices Received 34
Production Expenses 36
Range and Pasture Condition 25
Sheep and Lambs on Farms and Ranches . . 28
Spring Wheat Summary 5
Temperatures and Precipitation 9
Usual Planting and Harvesting Dates . . 7
Weather Summary 8,9
Winter Wheat Summary 5
Wool Production and Value 28

9-85-700

NUMBER OF FARMS

Total number of ranches and farms operated in Nevada during 1984, at the 2,600 level, was down from a year earlier by the new definition. The new definition includes places with annual sales of agricultural products of $1,000 or more. The old definition prior to 1975 as shown in the table includes places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.

A preliminary number of 2,500 farms is estimated for 1985 which continues the downward trend. New land coming into production has been more than offset by land consumed for urbanization and construction of highway systems as land in Nevada ranches and farms declined to 8,800,000 acres during 1984 and 1985 (new definition).

Average size of ranch or farm in Nevada during 1984 was 3,385 acres (new definition) compared with 3,520 in 1985.

NUMBER OF FARMS AND LAND IN FARMS AND RANCHES, 1974-1985

Year	Nevada			United States		
	Number of Farms	Average Size of Farms	Land in Farms	Number of Farms	Average Size of Farms	Land in Farms
		- - Acres - -	1,000 Acres	Thousands	- - Acres - -	1,000 Acres
1974	2,100	4,286	9,000	2,795	388	1,084,433
1975	2,200	4,086	8,990	2,521	420	1,059,420
1976	2,400	3,746	8,990	2,497	422	1,054,075
1977	2,600	3,458	8,990	2,456	427	1,047,785
1978	2,900	3,100	8,990	2,436	429	1,044,790
1979	2,900	3,100	8,990	2,432	428	1,042,015
1980	2,900	3,100	8,990	2,433	427	1,038,885
1981	3,100	2,871	8,900	2,434	425	1,034,190
1982	2,900	3,069	8,900	2,401	428	1,027,795
1983	2,700	3,296	8,900	2,370	432	1,024,195
1984	2,600	3,385	8,800	2,328	438	1,019,378
1985	2,500	3,520	8,800	2,285	444	1,015,583
19861/:						

1/ Preliminary.

NUMBER OF LIVESTOCK SPECIE FARMS, 1974-1984

Year	Nevada				United States			
	Cattle	Milk Cows	Sheep	Hogs	Cattle	Milk Cows	Sheep	Hogs
	- - - - - - - - Number - - - - - - - -				- - - - - - - - - - - - - - - - Thousands - - - - - - - -			
1974	1,600	450	300	240	1,870.5	470.2	140.6	733.1
1975	1,500	430	290	240	1,866.0	443.6	129.6	661.7
1976	1,600	400	280	240	1,825.8	416.2	122.5	658.3
1977	1,700	400	280	250	1,771.9	393.5	117.5	647.0
1978	1,800	400	280	300	1,699.0	369.2	115.7	635.3
1979	1,800	400	290	250	1,638.5	350.0	116.1	653.6
1980	1,700	400	300	220	1,622.5	335.8	119.9	670.4
1981	1,700	400	320	220	1,621.6	322.9	125.6	580.1
1982	1,700	400	320	210	1,611.0	312.1	128.1	482.2
1983	1,700	400	300	200	1,584.5	299.1	126.4	462.1
1984	1,700	400	270	200	1,547.3	285.7	123.3	431.7
1985								

ANNUAL CROP SUMMARY

Ranchers and farmers in Nevada produced 1.7 million tons of selected crops in 1984-- up 3 percent from 1983. All crops except potatoes, garlic, and onions showed increases in production from the preceding year. Acreage of total crops harvested was up slightly in 1984 with increases shown only for barley, spring wheat, and alfalfa hay.

Spring planting progress was slightly behind normal due to frequent storms, gusty winds, and below normal temperatures. Indian Summer type weather came to an abrupt end mid-October with rain at valley floors and snow at higher elevations. Yields were above 1983 for winter wheat, spring wheat, barley, alfalfa seed, onions, potatoes, and both alfalfa and wild hay. Precipitation in the form of rain and snow during the first part of May improved grazing prospects in the extreme north, but central and especially southern areas remained extremely dry. Significant precipitation late in June alleviated the previously dry conditions in the more southern areas. July had both temperatures and precipitation totals that were well above normal. Summer trend of warmer days extended throughout August. September started warm but a strong cold front produced strong, gusty winds and heavy thundershowers. Mostly hot, dry weather predominated the middle of the month. Cold air moved into Nevada near the end of September ending the summer season in most areas. Vegetative killing frosts were reported from September 22 through the 27th.

Hay production was up from 1983 due to higher yields as a smaller acreage was harvested. Increases in alfalfa hay harvested were more than offset by decreases in wild hay cut. Alfalfa hay was harvested from 235,000 acres with an average yield of 4.00 tons per acre totalling 940,000 tons compared with 897,000 tons a year earlier. Other types of hay (largely wild or meadow hay) were cut from 290,000 acres compared with 300,000 in 1983. Slightly above average yields in 1984 produced a production of 406,000 tons. In 1983, other hay production was at the 405,000 ton level.

CROP VALUES

Value of selected crops grown in Nevada totaled $138.0 million in 1984-- down 14 percent from the 1983 value of $161.0 million. Value decrease was due to lower prices as acreages harvested were slightly larger than in 1983. Hay prices decreased 20 percent, potatoes 19 percent, alfalfa seed 4 percent, barley 10 percent, spring wheat 18 percent, and winter wheat 12 percent.

Value of the 1984 alfalfa seed crop increased 23 percent as increased production more than offset lower prices. Alfalfa seed yields averaged 580 pounds per acre compared with 450 in 1983. Hay, the State's most important crop, had a farm value of 98.3 million and accounted for 71 percent of the value of all crops harvested in 1984.

ACREAGE, PRODUCTION AND VALUE, NEVADA 1982-1984

Crop	Acres Harvested			Tons Produced			Values--Dollars		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Thousands								
All grain crops 1/	61.0	52.0	61.0	118.1	103.1	135.1	12,893	12,347	14,178
Alfalfa seed	13.0	9.0	9.0	2.3	2.0	2.6	4,778	4,658	5,742
Cotton & "	.7	2/	2/	.7	2/	2/	365	2/	2/
Potatoes	13.0	12.0	10.0	204.8	186.0	165.0	10,647	21,204	15,180
Garlic	.6	.8	.8	3.3	4.8	4.8	1,188	2,112	2,112
Onions	.6	.5	.4	13.8	10.5	9.2	2,760	2,205	2,576
All Hay	510.0	530.0	525.0	1,249.0	1,302.0	1,346.0	108,039	118,482	98,258
Total	598.9	604.3	606.2	1,592.0	1,608.4	1,662.7	140,670	161,008	138,046

1/ Wheat & Barley. 2/ None planted.

SUMMARY OF PRINCIPAL CROPS HARVESTED IN NEVADA, 1982-1984

Crop & Year	Acres Harvested	Production Per Acre	Production Total	Unit	Value of Production 1/ Per Unit	Value of Production 1/ Total
	Thou.		Thou.		Dol.	Thou. Dol.
Winter Wheat						
1982	15	70.0	1,050	Bu.	3.53	3,707
1983	8	70.0	560	"	3.40	1,904
1984	8	80.0	640	"	3.00	1,920
Spring Wheat						
1982	14	60.0	840	Bu.	3.53	2,965
1983	10	70.0	700	"	3.65	2,555
1984	16	75.0	1,200	"	3.00	3,600
Barley						
1982	32	80.0	2,560	Bu.	2.43	6,221
1983	34	80.0	2,720	"	2.90	7,888
1984	37	90.0	3,330	"	2.60	8,658
Alfalfa seed						
1982	13.0	350	4,550	Lb.	1.05	4,778
1983	9.0	450	4,050	"	1.15	4,658
1984	9.0	580	5,220	"	1.10	5,742
Garlic						
1982	.6	5.5	3.3	Ton	360.00	1,188
1983	.8	6.0	4.8	"	440.00	2,112
1984	.8	6.0	4.8	"	440.00	2,112
Onions						
1982	.6	23.0	13.8	Ton	200.00	2,760
1983	.5	21.0	10.5	"	210.00	2,205
1984	.4	23.0	9.2	"	280.00	2,576
Potatoes						
1982	13.0	315	4,095	Cwt.	2.60	10,647
1983	12.0	310	3,720	"	5.70	21,204
1984	10.0	330	3,300	"	4.60	15,180
Alfalfa hay						
1982	225	3.65	821	Ton	N/A	N/A
1983	230	3.90	897	"	N/A	N/A
1984	235	4.00	940	"	N/A	N/A
All other hay						
1982	285	1.50	428	Ton	N/A	N/A
1983	300	1.35	405	"	N/A	N/A
1984	290	1.40	406	"	N/A	N/A
All hay						
1982	510	2.45	1,249	Ton	86.50	108,039
1983	530	2.46	1,302	"	91.00	118,482
1984	525	2.56	1,346	"	73.00	98,258

1/ Excludes all Government support payments.

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA 1983

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	30,000	4.40	132,000	4,000	1.90	7,600	139,600
Douglas	8,000	3.70	29,600	9,500	1.70	16,150	45,750
Humboldt	37,000	3.90	144,300	55,000	1.50	82,500	226,800
Lyon	34,000	4.30	146,200	6,000	2.00	12,000	158,200
Carson City	400	3.60	1,440	400	1.30	520	1,960
Pershing	17,000	4.00	68,000	4,000	1.50	6,000	74,000
Storey	100	3.60	360	100	1.20	120	480
Washoe	10,000	4.00	40,000	10,000	1.60	16,000	56,000
District 1	136,500	4.12	561,900	89,000	1.58	140,890	702,790
Elko	25,000	3.10	77,500	165,000	1.20	198,000	275,500
Eureka	18,000	3.50	63,000	12,000	1.40	16,800	79,800
Lander	11,000	3.20	35,200	16,000	1.40	22,400	57,600
White Pine	13,000	2.90	37,700	7,000	1.60	11,200	48,900
District 3	67,000	3.19	213,400	200,000	1.24	248,400	461,800
Clark	5,000	6.30	31,500	600	2.50	1,500	33,000
Esmeralda	5,000	4.00	20,000	300	1.20	360	20,360
Lincoln	5,500	3.70	20,350	1,800	1.70	3,060	23,410
Mineral	3,000	4.35	13,050	300	1.30	390	13,440
Nye	8,000	4.60	36,800	8,000	1.30	10,400	47,200
District 8	26,500	4.59	121,700	11,000	1.43	15,710	137,410
State Total	230,000	3.90	897,000	300,000	1.35	405,000	1,302,000

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA 1984

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	31,000	4.60	142,600	4,000	1.90	7,600	150,200
Douglas	8,000	3.70	29,600	8,000	1.80	14,400	44,000
Humboldt	38,000	4.05	153,900	50,000	1.35	67,500	221,400
Lyon	35,000	4.10	143,500	6,000	1.90	11,400	154,900
Carson City	400	3.60	1,440	400	1.30	520	1,960
Pershing	18,000	4.30	77,400	3,000	1.50	4,500	81,900
Storey	100	3.60	360	100	1.10	110	470
Washoe	10,000	3.70	37,000	9,000	1.80	16,200	53,200
District 1	140,500	4.17	585,800	80,500	1.52	122,230	708,030
Elko	25,000	3.60	90,000	169,600	1.30	220,480	310,480
Eureka	18,000	3.80	68,400	10,000	1.80	18,000	86,400
Lander	11,000	3.60	39,600	15,000	1.30	19,500	59,100
White Pine	13,000	2.90	37,700	5,700	1.70	9,690	47,390
District 3	67,000	3.52	235,700	200,300	1.34	267,670	503,370
Clark	5,000	5.90	29,500	600	2.60	1,560	31,060
Esmeralda	6,000	3.70	22,200	300	1.20	360	22,560
Lincoln	5,500	3.80	20,900	1,000	1.80	1,800	22,700
Mineral	3,000	4.10	12,300	300	1.60	480	12,780
Nye	8,000	4.20	33,600	7,000	1.70	11,900	45,500
District 8	27,500	4.31	118,500	9,200	1.75	16,100	134,600
State Total	235,000	4.00	940,000	290,000	1.40	406,000	1,346,000

WINTER WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1984

Counties	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	900	800	80.0	64,000
Eureka	500	300	70.0	21,000
Humboldt	3,100	2,700	80.0	216,000
Lyon	1,000	900	80.0	72,000
Pershing	2,300	2,100	90.0	189,000
All Others	1,200	1,200	65.0	78,000
State Total	9,000	8,000	80.0	640,000

SPRING WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1984

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	1,800	1,500	75.0	112,500
Eureka	1,200	1,000	65.0	65,000
Humboldt	7,600	6,800	80.0	544,000
Lander	400	300	55.0	16,500
Lyon	1,200	1,000	70.0	70,000
Pershing	4,900	4,500	75.0	337,500
All Others	900	900	60.6	54,500
State Total	18,000	16,000	75.0	1,200,000

BARLEY: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1984

County	Acres Planted	Acres Harvested	Yield	Production
	Acres			Bushels
Churchill	4,000	3,600	90.0	324,000
Eureka	3,700	3,300	90.0	297,000
Humboldt	18,700	18,300	95.0	1,738,500
Lander	1,100	900	65.0	58,500
Lyon	3,700	3,300	90.0	297,000
Pershing	3,000	2,700	90.0	243,000
Washoe	1,000	800	80.0	64,000
White Pine	1,200	1,000	80.0	80,000
All Others	3,600	3,100	73.5	228,000
State Totals	40,000	37,000	90.0	3,330,000

ALFALFA SEED: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, 1972-84

Year	Humboldt	Pershing	All Other 1/	Nevada Total
		Acreage Harvested Acres		
1972	7,000	8,300	3,200	18,500
1973	7,600	9,800	3,100	20,500
1974	8,000	11,000	2,000	21,000
1975	7,500	11,000	500	19,000
1976	5,500	5,500	500	11,500
1977	5,300	9,600	600	15,500
1978	6,000	10,000	1,000	17,000
1979	6,500	10,300	1,200	18,000
1980	6,000	10,000	1,000	17,000
1981	6,200	10,000	800	17,000
1982	4,500	8,000	500	13,000
1983	3,000	5,600	400	9,000
1984	2,700	6,000	300	9,000
1985				
		Yield Per Acre Pounds		
1972	545	565	235	500
1973	460	435	240	415
1974	410	405	320	400
1975	315	510	400	430
1976	335	380	300	355
1977	500	530	515	520
1978	275	415	405	365
1979	425	380	515	405
1980	400	480	450	450
1981	400	620	410	530
1982	300	380	320	350
1983	400	485	330	450
1984	530	610	435	580
1985				
		Production of Clean Seed Thousand Pounds		
1972	3,815	4,685	750	9,250
1973	3,496	4,263	749	8,508
1974	3,320	4,440	640	8,400
1975	2,360	5,610	200	8,170
1976	1,840	2,090	150	4,080
1977	2,650	5,100	310	8,060
1978	1,650	4,150	405	6,205
1979	2,760	3,910	620	7,290
1980	2,400	4,800	450	7,650
1981	2,480	6,200	330	9,010
1982	1,350	3,040	160	4,550
1983	1,200	2,720	130	4,050
1984	1,430	3,660	130	5,220
1985				

1/ Churchill, Lander, Lincoln, Nye, Washoe and White Pine.

USUAL PLANTING AND HARVESTING DATES, BY CROPS AND PRINCIPAL PRODUCING AREAS IN NEVADA

	1984 Harvested Acreage (000)	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Areas and Counties
			Begin	Most Active	End	
Barley						
Fall Sown	37	Sept. 5-Oct. 20	July 10	July 15-Aug. 25	Sept. 5	District 1
Spring Sown		Apr. 5-May 10	July 20	July 25-Sept. 1	Sept. 15	District 1
Corn, Silage	3	May 1-June 1	Sept. 1	Sept. 10-Oct. 1	Oct. 10	Churchill Pershing
Hay						
Alfalfa	235		Apr. 10		Nov. 1	Clark
			June 1		Oct. 10	District 1,3
All Other	290		June 15		Sept. 15	District 1,3
Oats	4	Apr. 1-May 25	July 25	Aug. 5-Sept. 1	Sept. 10	Statewide
Wheat						
Winter	8	Sept. 5-Oct. 20	July 15	Aug. 1-Aug. 25	Sept. 5	Humboldt Pershing
Other spring	16	Apr. 1-May 10	July 25	Aug. 10-Sept. 5	Sept. 15	Humboldt Eureka Pershing Lander
Potatoes	10	Apr. 25-June 10	Oct. 1	Oct. 10-Oct. 30	Nov. 10	Humboldt Lander Lyon Washoe
SEED CROPS						
Alfalfa	9		Aug. 25	Sept. 5-Oct. 5	Oct. 15	Humboldt Pershing Lander

WEATHER SUMMARY, 1983-1984

GENERAL: Precipitation for the water year October 1, 1983 through September 30, 1984 totaled 13.02 inches -- 58 percent above normal but about an inch less than a year earlier. Weather during the fall and winter season could best be described as stormy, windy, and cloudy. Dense fog in January persisted for weeks. Winds accompanying the frequent storms were the highest ever recorded. Precipitation for the second consecutive year was well above normal. Winter-like storms were common during the late spring season. Flooding was reported along river areas in the north during late spring. Thundershowers throughout the summer season resulted in numerous flash floods. Range fires set off by lightning burned considerable acreages during July and August. Temperatures during the 1983-84 year averaged 49.0 degrees which was slightly below both last year and normal. July returned as the hottest month (August the last two years) with an average of 73.4 degrees.

FALL 1983: October started mostly cloudy with unsettled weather. Due to the extensive cloud cover, daytime temperatures were below normal most areas while night time lows were above normal. Precipitation was widespread until midmonth when skies cleared. Mostly sunny weather prevailed the last half of October with temperatures slightly above normal. Precipitation was confined to light snow showers in the high Sierras. November started like October ended--with fair skies and above normal temperatures. A series of storm fronts a few days later brought an end to Indian Summer with snow at higher elevations and rain at valley floors. Storm fronts continued to move across the State nearly every other day for the remainder of November. Brisk winds accompanied the storms most areas and temperatures dropped with each new onslaught. Snow continued to melt in the valleys but accumulated at higher elevations. Some ski resorts opened Thanksgiving week. Precipitation during November was nearly three times the normal amount.

WINTER 1983: Winter storms continued to move into Nevada the beginning of December. By midmonth a series of storm fronts dropped snow in the northern and central sections and rain in the extreme south. Cloud cover kept night time temperatures on the mild side in the north while clear skies in the south allowed heat loss at night. Numerous Pacific storm fronts the remainder of December dumped well above normal amounts of snow and rain throughout Nevada. Like the preceding month, rain and snow accumulations during December were nearly three times the normal amount. Temperatures continued mild the beginning of January but earlier heavy precipitation helped create a very unusual situation as an area of high pressure intensified. Low clouds and areas of dense fog developed in most northern valleys which persisted both day and night. Fog and low clouds with some light snow and drizzle the second week held temperatures below normal in north and central valleys while mostly clear skies south produced above normal temperatures. A cold front midweek cleaned out the fog from valleys north and central but the south then became cloudy. The entire third week was relatively cold all areas with mostly light precipitation. A high pressure system at the end of January produced clear, sunny skies which allowed heat to radiate rapidly into space. A major storm midmonth brought light rain or snow to all areas. Remainder of the month had a mixture of cloudy and fair skies. Temperatures for the month averaged slightly below normal while precipitation was well below normal.

WEATHER SUMMARY, 1983-1984, cont.,

SPRING, 1984: Precipitation was confined mostly to northern areas during the first half of March. A major storm track the third week brought rain and snow to all but the extreme south. Strong winds accompanied these weather systems. Cooler weather invaded the north and northeast early in March but moderated near the end of the month. March ended mostly dry and warm but the highest wind gusts ever recorded occurred in the extreme south. A series of frequent storms produced significant rain and snow the beginning and ending of April. Cooler air behind each storm dropped temperatures to below normal all areas except the extreme south. The middle of April had a few periods of sunny skies and above normal temperatures. May started with cold, windy weather. Central and southern areas were dry but warm daytime temperatures and continuous rain in the north combined to produce flooding along river areas. Mostly warm, dry weather was recorded midmonth. A wide swing in weather patterns occurred the last half of May varying from winter-like to near-record heat. The prolonged dry spell was extended central and south while light to moderate precipitation fell north. May ended extremely dry with above average temperatures all areas.

SUMMER, 1984: June started with ample sunshine, scattered thundershowers, and temperatures well above normal. A low pressure system midmonth resulted in below normal temperatures and widespread precipitation. Large hail and damaging winds were reported north and central. Southern areas remained dry and cool. Tropical moisture near the end of June triggered locally heavy thundershowers west and north. Temperatures remained well below normal. July was mostly hot and relatively moist. Range fires burned considerable acreages in the central area early in the month. Thunderstorms also set off numerous range fires the second week as rainfall amounts were quite light most areas. Thunderstorms with lightning set off more range fires midmonth. Subtropical moisture the third week produced widespread shower activity which ended the range fire threat but produced flash flooding central and southern areas. Persistent summer monsoon conditions the end of July resulted in flash flooding in the extreme south with urban areas reporting deaths and considerable property damage. Extensive thunderstorm activity continued into August. Intermittent showers occurred throughout the month in all areas except the north. Additional flash flooding was reported south. Both temperatures and precipitation were above normal for the month. Storms near the end of August set off a few range fires. September started warm but a strong cold front the first week caused strong, gusty winds and heavy thundershowers. Midmonth warm temperatures changed rapidly to dry and hot the third week. Cold air moved into the State the last part of September ending the summer season. Precipitation was heavy central and east resulting in more flash flooding. Vegetative killing frosts were reported from September 22 through the 27th.

TEMPERATURES AND PRECIPITATION FOR WATER YEAR, 1984

	1983	1984											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Total
						Degrees							
Temperature :													
1983-84	52.9	39.9	33.7	29.1	33.7	41.3	45.2	59.4	62.5	73.4	71.2	45.8	49.0
Normal	51.8	39.4	32.7	29.6	33.8	40.3	48.6	56.4	64.4	72.9	70.8	62.8	50.3
Departure	+1.1	+ .5	+1.0	- .5	- .1	+1.0	-3.4	+3.0	-1.9	+ .5	+ .4	-17.0	- 1.3
						Inches							
Precipitation													
1983-84	.91	1.74	2.35	.25	.69	.80	.81	.36	.91	1.82	1.18	1.20	13.02
Normal	.68	.68	.90	.94	.88	.81	.79	.77	.53	.47	.41	.39	8.25
Departure	+ .23	+1.06	+1.45	-.69	-.19	-.01	+.02	-.41	+.38	+1.35	+ .77	+ .81	+4.77

NEVADA STATE DEPARTMENT OF AGRICULTURE
1984 AERIAL AND GROUND PEST CONTROL SUMMARY

This summary was compiled from information contained in mandatory monthly reports submitted to this Department by the 1984 custom aerial pest control licensees. Its accuracy is based on these monthly reports and the data therein does not constitute approval or recommendations by this Department or the Statistical Reporting Service.

Pesticide Use (Aerial Application) 1984

ALFALFA HAY
(51,568.5 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Alfalfa Hay	2,4-D	1qt	500
"	"	1½pt	120
"	"	3/4pt	342
"	"	2pt	480
Alfalfa Weevil	Furadan	1pt	757
Alfalfa Weevil	Parathion	½pt	75
"	"	3/4pt	458
"	"	1pt	160
Alfalfa Weevil	Methyl Parathion	½pt	322
"	"	½pt	95
"	"	1pt	70
Alfalfa Weevil	Cygon/Furadan	1½pt/½pt	2600
Alfalfa Weevil	Malathion	1½pt	405
Alfalfa Weevil	Sevenol	2.4pt	355
Alfalfa Weevil	Furadan	1pt	105
"	"	½pt	494
"	"	3/4pt	100
Alfalfa Weevil	Cygon/Furadan	1½pt/½pt	1363
Alfalfa Weevil	Furadan/Cygon	1pt	27
"	"	1½pt/½pt	3087
"	"	3/4pt/3/4pt	43
"	"	½pt/1pt	3501
"	"	1pt/1pt	1692
"	"	1pt/3/4pt	651
Alfalfa Weevil/Aphids	Parathion 8E	6oz	12
Alfalfa Weevil/Aphids	Parathion/Furadan	6oz/8oz	560
"	"	½pt/½pt	90
"	"	½pt/4oz	3535
"	"	3/4pt/½pt	1767
Alfalfa Weevil/Aphids	Parathion	½pt	772
Alfalfa Weevil/Aphids	Methyl Parathion	½pt	1323
"	"	12oz	420
Alfalfa Weevil/Aphids	Lorsban	½pt	91
Aphids	Cygon 400	1pt	520
"	"	1pt/acre	180
Aphids	Cygon	1½pt	1453
"	"	1½pt	2232
"	"	1pt	2703
Aphids	Parathion	12oz	100
"	"	1pt	10

ALFALFA HAY (Cont'd)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Parathion	½pt	80
"	"	6oz	127
Aphids	Methyl Parathion	½pt	493
"	"	1pt	132
"	"	3/4pt	502
Aphids	Furadan	½pt	104
Aphids	Systox	1/6pt	302
"	"	1/6pt	481
"	"	1½pt	50
Aphids	Phosdrin4	1pt	247
Aphids	Methyl Parathion4E	2/3pt	60
Aphids	Systox2	2pt	70
Aphids	Clean Crop/Platte Mevinphos 400	1pt	100
Aphids	Clean Crop/Methyl Parathion	3/4pt	45
Aphids/Army Worms	Thiodan	2pt	80
Army Worms	Lorsban	1½pt/Acre	17
"	Malathion	.37gal	100
"	Lannate	½lb	60
Aphid/Thrip	Demethioute 267	1½pt	250
Broadleaf Weeds	2,4-DB	1½pt	200
"	"	2pt	100
"	"	3pt	32
"	"	1½pt	76
Broadleaf Weeds	Karmex	1 1/3lb	156
"	Sencor	1pt	120
Broadleaf Weeds/	Sencor 4	1pt	30
" Grasses	"	1½pt	600
Broadleaf Weeds/ Grasses	Velpar	3pt	975
Grasshoppers	Clean Crop/Mevinphos 400	3/4pt	70
Grasshoppers	Malathion	1pt	50
"	"	½pt	1396
"	"	1pt	64
"	"	3/4pt	373
Grasshoppers	Phosdrin	1pt	40
Grasshoppers	Parathion	.58pt	490
Weeds	2,4-D	3pt	108
"	"	1½pt	435
Weeds	Princep	1½lb	185
Weeds	Sencor	1pt	160
"	"	1pt	752
Weeds/Grasses	Velpar L	1½qt	505
"	"	2qt	320
Winter Weeds	Dinitro	3pt	80
Winter Weeds	Paraquat	3pt	540
Winter Weeds	Princep90	1½lb	20

ALFALFA HAY (Cont'd)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Winter Weeds	Velpar L	4pt/acre	130
White Top Mustard	Paraquat	1qt	244.5
"	"	2pt	210
Spidermites	Parathion	½pt	30
	ALFALFA SEED (32,893.9 Total Acres Treated)		
Alfalfa Weevil	Furadan	1qt	1703
Alfalfa Weevil	Methyl Parathion	½pt	627
"	"	½pt	291
"	"	1pt	160
"	"	½pt	30
"	"	2pt	150
Alfalfa Weevil	Supracide	2½pt	65
Alfalfa Weevil/Aphids	Lorsban/Cygon	1½pt/1pt	60
Alfalfa Aphids	Endosulfan	1½pt	150
"	"	2pt	28
"	"	1½pt	270
Alpalfa Aphids	Meta-Systox-R	2pt	636
Alfalfa Aphids	Phosdrin	1pt	35
Alfalfa Aphids	Piramor	6oz	1875
Alfalfa Aphid	Systox	1/3pt	200
"	"	1pt	998
"	"	½pt	343
"	"	1/3pt	81
Aphids/Lygus	MSP/Dylox	1pt/1½lb	50
Aphids/Lygus	Phosdrin4	1pt	40
Aphids/Lygus	Systox/Lorsban	1pt/2pt	959
"	"	1/3pt/2pt	60
Aphids/Lygus	Systox/Supracide	1/3pt/3pt	607
"	"	1pt/3pt	230
"	"	1pt/1pt	85
Pea Aphid	Cygon	1½pt	803
Pea Aphid	Dimethoate	1½pt	803
"	"	2pt	230
Pea Aphid	Endosulfan	1qt	125
"	"	1½pt	120
Pea Aphid	Meta-Systox-R	1½pt	106
"	"	2pt	350
Spotted Aphid	Dimethoate	6oz	200
Spotted Aphid	Endosulfan	1½pt	240
Broadleaf Weeds	2,4-DB	3pt	190
Broadleaf Weeds/Grasses	CIPC	20lb	1503.1
"	"	30lb	20
"	"	20lb	276
"	"	30lb	115

ALFALFA SEED
(Cont'd)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Defoliate	Contact	3qt	108
"	"	3qt	89
Defoliate	Dekrom	½pt	500
Defoliate	Denitra	2pt	60
"	"	3pt	308
"	"	1qt	980
Defoliate	Denitra 5	3pt	230
"	"	1gal/acre	10
Defoliate	Desicate	5qt	441
"	"	5qt	544
"	"	3/2gal	40
"	Diquat	2qt	200
Defoliate	Platte Denitra5	3pt	380
Defoliate	Vertac	3pt	226.2
"	"	1gal	220
"	"	½gal	150
Dodder	CIPC	20lb	972
"	"	30lb	238
"	"	25lb	59
"	"	15lb	107
"	"	20lb	1704
"	"	25lb	128
Grasshoppers	Malathion	1½pt	120
Lygus	Dibrom	1pt	1051
"	"	½pt	150
Lygus	Dylox	2pt	90
Lygus	Malathion	1½pt	150
Lygus	Phosdrin	1pt	1886.5
Lygus	Supracide	3pt	1967
Lygus	Thiodan	3pt	1050
Lygus	Thiosulfan	2qt	430
"	"	3pt	300
Lygus	Toxaphene	2qt	120
Mites	Comite	1qt	40
Mustard/White Top	Paraquat	1qt	169.5
Spidermites	Comite	1qt	450
Spotted Mite	Comite	2pt	120
Weeds	Butyrax	3pt	304
"	"	3pt	138
"	"	3pt	216
Weeds/Grasses	Velpar L	2qt	82
	BARLEY (6,587.29 Total Acres Treated)		
Aphids	Systox	1/3pt	125.3
Aphids	Systox/Meta-Systox	1/3pt/1½pt	137.2

BARLEY
(Cont'd)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids/Grasshoppers	Systox/Malathian	1pt/1½pt	26
Broadleaf Weeds	2,4-D	1pt	236
"	"	2pt	60
"	"	2pt	339
"	"	1½pt/acre	35
"	"	2pt/acre	25
Broadleaf Weed	Dow Formula 40	3/4pt	80
Broadleaf Weed	MCPA	1pt	188
Grasshoppers	Malathion	½pt	100
"	Parathion	½pt	280
Weeds	2,4-D	1½pt	440
"	"	1pt	355
"	"	1½pt	190
"	"	2pt	2603
"	"	1½pt	164
Weeds	Butyrac	3pt	100
"	"	3pt	125

CARROT SEED
(27 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Linuron	2½lb	27

CLOVER
(224 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Siplox	1/3pt	47
Cutworms	Thiodan	2pt	130
Defoliate	Desicate	5qt	47

CORN
(559 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	3/4pt	86
"	"	1pt	114
"	"	1½pt	105
"	"	1pt	98
"	"	1½pt	84
Broadleaf Weeds	Pure Gro LV6	3/4pt	22
Weeds	Paraquat	2½pt	50

ELM TREES
(3 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Elm Beetles	Sevin	1½lb	3

GARLIC
(702 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weed	Paraquat	1½pt	57
Broadleaf Weed/Grass	Paraquat	1½pt	188
Winter Weeds	Paraquat	3pt	217
"	"	3pt	224
Winter Weeds	Buctril	1pt	16

GRAIN
(257 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	1pt	40
"	"	1pt	22
"	"	1pt	195

LETTUCE
(2,918 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphid	Phosdrin 4	1qt	25
"	Septon 6	2/3pt	94
Beet/Army Worm	Lannate	½lb	246
Beet/army Worm	Lannate/Permethrin	1/16gal	125
Beet/Army Worm	Methomyl Lannate/ Thuracide	½lb/1lb	200
"	"	3/4lb/½lb	202
"	"	3/4lb/1lb	184
"	"	1/16gal/1lb	184
Beet/Army Worm	Pounce/Mathyl Lannate	1/16gal/½lb	442
"	"	3/4lb	56
"	"	1/16gal/1qt	210
Beet/Army Worm	Methyl Lannate/Pounce/ Thuracide	1/16/1lb/1qt	242
Beet/Army Worm	Phosdrin/Thuracide/ Pounce	1qt/1lb/.21b	38
Beet/Army Worm	Thuracide/Lannate	1lb/½lb	356
Beet/Army Worm	Thuracide/Pounce/ Phosarin	1lb/.21b/1pt	104
Beet/Army Worm	Thuricide/Lannate/ Pounce	1lb/½lb/.21b	210

MINT
(927 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	Acres
Aphid	Parathion	1pt	48
Grasshoppers	Parathion	1pt	140
Mites	Comite	2½pt	305
Root Bore	Lorsban	2qt	155
Spidermites	Comite	2pt	24
Weeds	Sinbar	1lb	188
"	"	1½lb	30
"	"	1lb	15
"	"	½lb	70

MOSQUITOS
(178,122 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Adults	Malathion	3oz	34,152
"	"	3/4pt	20
Larvae	Baytex	1.2oz	300
"	"	1.2oz	600
"	"	1.2oz	1400
"	"	1.2oz	2510
"	"	1.2oz	300
Larvae	Baytex/Aqua Para 8	1.2oz/1.6oz	600
Larvae	Ortho Dibrome 14	3/4oz/3/4oz	108,680
Larvae	Para 8	1.6oz	2650
Larvae	Parathion	1.6oz	800
"	"	1.6oz	1400
"	"	1.6oz	800
"	"	1.6oz	3600
Larvae	Parathion 8E	1/10lb	6000
"	"	6/10lb	3000
"	"	1/10lb	11,580

OATS
(1,100 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	1½pt	40
"	"	1½pt	760
"	"	3pt	32
Broadleaf Weeds	Rhodia Chiptox	½pt	130
Mustard/Broadleaf Weeds	2,4-D	½pt	68
"	"	3/4pt	20
"	"	1pt	138

ONIONS
(1,143 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Methyl Parathion/ Toxaphene	1pt/1qt	20
Spidermites/Thrip	Phosdrin	8oz	35
Thrip	Aqua 8 Parathion	6oz/acre	45
Thrip	Diazinon	3/4lb	10
Thrip	Guthion	1½lb	35
Thrip	Methyl Parathion 5/ Tox 8	1pt	250
Thrip	Methyl Parathion/ Toxaphene	1pt/1qt	288
"	"	1pt/1qt	415
Thrip	Parathion	.4oz	45

PASTURES
(143 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds/ Willows	2,4-D	1qt	80
Canadian Thistle	2,4-D	2pt	11
Clover	2,4-D	1½pt	39
Knapweed	Banvel	2pt	13

POTATOES
(31,794 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphid	Thiodan	1qt	1222
Aphid	Cygon	1pt	53
Aphid/Blight	Thiodan/Dithane	1qt/1qt	3659
"	Bravo/Tivol	1½pt/2pt	640
Army Worms	Aqua 8 Parathion	6oz/acre	20
Blight	Bravo 500	1½pt	845
Blight	Bravo	1½pt	640
"	"	2pt	180
"	"	1qt	252
Blight	Dithane	1qt	2622
"	"	1qt	4671
"	"	1qt	3219
Blight	Manzate	1qt	340
"	"	1½pt	150
Blight	Sencor	1pt	116
"	"	1½pt	160
"	"	1pt/1pt	325
Broadleaf weeds	Denitro 5	3pt/acre	32
Broadleaf Weeds/ Grasses	Dual	1½pt	25
Broadleaf Weeds/ Grasses	Dual/Prowl	2½pt/1½pt	432
Defoliate	Contact	3qt	543
Defoliate	Denitro	1pt	640
"	"	2pt	362

POTATOES (Cont'd)

PEST OR USE	CHEMICAL	RATE/ACRE	Acres
Defoliate	Denitro	2qt	144
Defoliate	Weed Killer	1pt	160
Desprout	Desprout MH30	4.5lb/acre	220
"	"	5lb	401
Growth Revegetation	Bravo 500	1qt	116
Growth Revegetation	Cyter	2qt	459
Growth Revegetation	MH 30	4lb	226
Vines	Dynamte 5	3pt	3377
Vines	Desicate	5qt	248
Weeds	Prowl	2pt	240
Weeds	Sencor	1½pt	1637
Weeds	Sencor/Prowl	1pt/2pt	2831
"	"	1pt/1½pt	640

RANGELAND
(7,613 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Flies	Malathion	½pt	130
Grasshoppers	Furadan	2pt	64
"	Malathion	½pt	137
Sagebrush	2,4-D	½qt	5045
"	"	2qt	314
"	"	3qt	1107
"	"	1/3gal	700
Thistle	Banvel/2,4-D	½pt/2pt	190
Weeds	Roundup/2,4-D	1qt/1½pt	40
Willows	Weedar 64A/Dacamine 360D	2pt	200

WHEAT
(9,599 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Methyl Parathion	½pt	26
"	"	1pt	55
Aphids	Parathion	6oz	80
"	"	1pt	153
Aphids	Systox	1pt	428
"	"	1/3pt	455.1
"	"	1/3pt	883.8
Aphids	Systox 2	2/3pt	75
Pea Aphid	Systox 2	1pt	150
Broadleaf Weeds	2,4-D	1pt	140
"	"	2pt	90
"	"	1½pt	135
"	"	1pt	311

WHEAT (Cont'd)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	2pt	2324
"	"	1½pt	952
"	"	1pt	70
Broadleaf Weeds	LV6	3/4pt	290
Broadleaf Weeds	Banvel	½pt	50
Broadleaf Weeds	Chiptox	1½pt	77
Broadleaf Weeds/ Mustard	2,4-D	1pt	197
"	"	½pt	35
"	"	1½pt	190
"	"	½pt	299
Broadleaf Weeds/ Mustard	Dow Esteron 99	3/4pt	473
Broadleaf Weeds/ Mustard	Brominal	½pt	40
"	"	1pt	190
Broadleaf Weeds/ Mustard	LV-4	1pt	65
"	"	1½pt	103
"	"	2pt	200
Preharvest Weeds/ Mustard	2,4-D	1qt	400
Weeds	2,4-D	2pt	489
"	"	½pt	25
"	"	1½pt	27
Wild Oats	Hoelon	3pt	125

PESTICIDE USE (Ground Application) 1984

ALFALFA HAY
(1,396 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-DB	1pt	40
Broadleaf Weeds/Grass	Velpar	1qt	799
"	"	2qt	403
Gophers	Zinc Phosphide	1tsp/hole	35
"	Strychnine	1tsp/burrow	5
Volunteer Grain	IPC	3qt	39
Winter Weeds	Simazine	2lb	60
Winter Weeds	"	1lb	15

ALFALFA SEED
(60 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Defoliate	Dinitro	6½pt	60

BARLEY
(69.6 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	1pt	6
"	"	2pt	62
Wild Oats	Hoelon	2pt	1.6

BEEF
(264 Total Head Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Lice(cattle)	Coumaphos	.30	174
Lice/Mites(bulls)	"	.38	77
Lice/Mites(steer/heifer)	"	.38	10
Mites(cattle)	"	.30	3

DITCHES
(33½ Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	Paraquat	1qt	16.5
Broadleaf Weeds	2,4-D	1gal	1
General Weeds	Paraquat	3pt	1
General Weeds	"	2qt	4
General Weeds	Round-Up	2qt	11

PESTICIDE USE (Ground Application) 1984

FALLOW GROUND
(389 Total Acres Treated)

PEST OR USE	PESTICIDE	RATE/ACRE	ACRES
Annual Weeds	Paraquat	3pt	111
Annual Weeds	Paraquat	4pt	37
Broadleaf Weeds	2,4-D	3pt	40
"	"	1½pt	21
General Weeds	Dinitro	3qt	100
General Weeds	Round-Up	4pt	159
General Weeds	2,4-D/Simazine	1gal/1gal	1
Willows	Round-Up	1½pt	20

GRAIN
(950 Total Acres Treated)

Broadleaf Weeds	2,4-D	1pt	240
"	"	1½pt	470
Grasses/Broadleaf Weeds	Terbacil/Bromoxynil	1lb/1pt	240

MINT
(80 Total Acres Treated)

Grasses	Fusilade	½pt	80

NON-CROPLAND

Broadleaf Weeds	2,4-D	1gal	1
General Weeds	Round-Up	1pt	42
Sterilize/Broadleaf Weeds	Simazine/2,4-D/ (2,4-D+Dicamba)	10lb/1gal/1gal	5
Sterilize/Weeds	Round-Up/2,4-D/ (2,4-D+Dicamba)	2qt/1gal/1gal	2.5
Weeds	Round-Up	2qt	21.3
"	Pramitol/(2,4-D+ Dicamba)	1gal/1gal	1
Willows/Cattails	Amitrole/2,4-D	1gal/1gal	4

OATS
(116 Total Acres Treated)

Broadleaf Weeds	2,4-D	1½lb	116

RAILROADS
(4,305 Total Acres Treated)

Weeds	Atrazine/Spike/ 2,4-D/Round-Up	5lb/1lb/1qt/1gal	1222
Weeds	Atrazine/Spike/ 2,4-D/Round-Up/Oust	5lb/1lb/1qt/1gal/ 2oz	14
Weeds	Atrazine/Spike	5lb/1lb	1884
"	" "	7½lb/1½lb	112
Weeds	Atratol/Spike/2,4-D Round-Up	4½lb/1lb/1qt/ 1gal	510

PESTICIDE USE (Ground Application)

RAILROADS
(Cont'd)

PEST OR USE	PESTICIDE	RATE/ACRE	ACRES
Weeds	2,4-D/Oust	1qt/3oz	426
"	"	2qt/3oz	55
Weeds	MSMA+Sodium Cacodylate	2gal	10
Weeds	Round-Up/Oust/2,4-D	5qt/8oz/2qt	72

WHEAT
(158.8 Total Acres Treated)

Broadleaf Weeds	2,4-D	1pt	72
"	"	1.3pt	86.8

LIVESTOCK SUMMARY

Nevada's cattle cycle resumed the downward swing with a relatively sharp decrease. Total cattle and calves on January 1, 1985, at 620,000 head, was down 6 percent from a year earlier. Beef cows totaled 307,000 head at the beginning of 1985--down 7 percent from the preceding year. Milk cows increased to 18,000 head in 1985. Beef heifers over 500 pounds showed a 16 percent decrease from the previous year while milk replacement heifers were off 14 percent. Steers weighing over 500 pounds were up 13 percent. Calves (less than 500 pounds) changed from 183,000 head in 1984 to 172,000 at the beginning of 1985.

Sheep and lambs totaled 100,000 head January 1, 1985--down 3 percent from the preceding year. Sheep numbers were at a peak level of over 1,300,000 in 1920. Stock sheep were estimated at 90,000 head at the beginning of the year. Sheep and lambs on feed totaled 10,000 head on January 1, 1985. Ewe lambs increased from 11,000 to 12,000 head while ewes one year old and older went from 78,000 to 75,000 head.

LIVESTOCK ON FARMS, JANUARY 1, 1983 - 1985

Species	NEVADA				UNITED STATES1/			
	1983	1984	1985	85 as % of 84	1983	1984	1985	85 as % of 84
	- Thousand Head -			Pct.	-- Thousand Head --			Pct.
Cattle and Calves. . .	650	660	620	94	115,001	113,700	109,801	97
Cows That Calved . .	341	346	325	94	48,986	48,603	46,211	95
Beef Cows.	325	329	307	93	37,940	37,494	35,393	94
Milk Cows.	16	17	18	106	11,047	11,109	10,819	97
Heifers 500 lb+. . .	77	75	63	84	18,846	18,566	18,329	99
Beef Repl.	52	51	43	84	6,336	6,183	5,536	90
Milk Repl.	7	7	6	86	4,545	4,532	4,757	105
Other Heifers. . .	18	17	14	82	7,965	7,851	8,036	102
Steers 500 lb+ . . .	38	38	43	113	16,214	16,371	16,399	100
Bulls 500 lb+. . . .	18	18	17	94	2,609	2,549	2,411	95
Calves under 500 lb:	176	183	172	94	28,346	27,611	26,450	96
Sheep and Lambs. . . .	110	103	100	97	12,139.7	11,486.5	10,442.7	91
On Feed.	8	11	10	91	1,661.0	1,718.0	1,596.0	93
Stock Sheep.	102	92	90	98	10,478.7	9,768.5	8,846.7	91
Lambs.	14	12	13	108	1,762.4	1,554.7	1,299.7	84
Ewes	13	11	12	109	1,419.7	1,237.1	1,015.8	82
Wethers & Rams . .	1	1	1	100	342.7	317.6	283.9	89
One Year and Over. .	88	80	77	96	8,716.3	8,213.8	7,547.0	92
Ewes	86	78	75	96	8,342.6	7,873.7	7,233.4	92
Wethers & Ram. . .	2	2	2	100	373.7	340.1	313.6	92
HOGS AND PIGS 2/ . . .	14	14	13	93	54,533.5	56,694.0	54,043.0	95

1/ May not add due to rounding.
2/ December 1, preceding year.

NEVADA : VALUE PER HEAD AND TOTAL VALUE, JANUARY 1, 1983-85

SPECIES	Value per Head			Total Value		
	1983	1984	1985	1983	1984	1985
	---------- Dollars ----------			---------- Thousands ----------		
Cattle and Calves. . .	360.00	385.00	355.00	234,000	254,100	220,100
Sheep & Lambs.	62.00	66.50	76.00	6,820	6,850	7,600
Hogs & Pigs 1/	91.50	88.50	90.00	1,281	1,239	1,170
Total 3 Species . . .	-- --	-- --	-- --	242,101	262,189	228,870

1/December 1, preceding year.

FARM VALUES

Inventory numbers were below last year for cattle and calves, sheep and lambs, and hogs and pigs. Per head values were down for cattle and calves, but up for sheep and lambs and hogs and pigs.

Total inventory value of $229 million was 13 percent below a year earlier. Cattle and calves were valued at $220 million, sheep and lambs at $7.6 million, and hogs and pigs at $1.2 million.

CATTLE AND CALVES ON FARMS AND RANCHES BY COUNTIES, NEVADA, JANUARY 1, 1980-85

COUNTY	1980	1981	1982	1983	1984	1985
	Number of Head					
Carson City	1,000	1,400	1,300	1,200	1,200	1,200
Churchill	60,000	68,000	77,000	78,000	75,000	68,000
Douglas	18,000	18,000	22,000	22,000	22,000	19,000
Humboldt	65,000	70,000	90,000	75,000	74,000	69,000
Lyon	53,000	53,000	60,000	60,000	59,000	51,000
Pershing	30,000	29,000	32,000	29,000	30,000	27,000
Storey	100	100	100	100	100	100
Washoe	26,000	36,000	38,000	34,000	34,000	32,000
Northwestern District	253,100	275,500	320,400	299,300	295,300	267,300
Elko	187,000	195,000	210,000	195,000	190,000	180,000
Eureka	33,000	40,000	41,000	39,000	39,000	38,000
Lander	27,000	27,000	25,000	24,000	28,000	28,000
White Pine	27,000	31,000	32,000	30,000	32,000	31,000
Northeastern District	274,000	293,000	308,000	288,000	289,000	277,000
Clark	15,000	14,000	13,000	10,000	17,000	17,000
Esmeralda	5,900	7,500	5,600	5,000	9,000	11,000
Lincoln	16,000	18,000	19,000	16,700	20,000	19,000
Mineral	4,000	4,000	4,000	4,000	4,700	4,700
Nye	27,000	28,000	30,000	27,000	25,000	24,000
Southern District	67,900	71,500	71,600	62,700	75,700	75,700
Nevada	595,000	640,000	700,000	650,000	660,000	620,000

CATTLE ON FEED

Cattle and calves on feed for slaughter market on January 1, 1985 were estimated at 25,000 head--7 percent less than the preceding year and well below the record high 51,000 head on feed January 1, 1974.

CATTLE AND CALVES: NUMBER ON FEED IN NEVADA FEEDLOTS ON JANUARY 1

Item	1982	1983	1984	1985	1985 as % of 1984
	Thousand Head				Percent
Number on feed for slaughter market	24	23	27	25	93

RANGE AND PASTURE CONDITION

Data in the following table relate to the condition of pastures and ranges near the first of each month and are expressed as a percentage of normal. Normal, in this case equals 100. Since range grasses in Nevada are ordinarily not irrigated the amount of grazing available each year is dependent upon snow melt in spring and infrequent showers during the summer and fall months. The table shows years of drought conditions which occurred in 1972, 1974, 1976, 1977, 1981, and again in 1985.

RANGE AND PASTURE CONDITION - FIRST OF MONTH, NEVADA 1968-1985

Year	April	May	June	July	August	September	October	November	December
1968	84	78	81	79	76	81	83	77	*
1969	80	84	89	91	88	86	86	86	*
1970	81	77	83	85	86	82	84	83	*
1971	81	85	88	92	87	89	83	85	*
1972	84	74	71	73	70	61	77	78	84
1973	89	94	92	95	87	88	88	82	85
1974	91	85	78	73	65	60	62	59	65
1975	80	75	82	80	85	89	90	94	91
1976	82	72	75	68	68	69	80	84	70
1977	47	55	70	75	75	69	80	75	66
1978	95	84	87	91	86	86	89	85	90
1979	92	92	89	85	83	82	78	85	85
1980	94	87	98	97	95	94	95	94	90
1981	89	91	82	78	62	60	65	66	67
1982	88	90	90	86	87	95	93	99	**
1983	92	91	102	97	99	102	102	105	**
1984	88	95	84	89	88	95	96	105	**
1985	87	85	77	70	60	69			

* Data not available prior to 1972.
** Discontinued December 1982.

CATTLE AND CALVES: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1976-84

Year	All Cattle Jan. 1	Calves Born	Inship-ments	Marketings: Cattle	Marketings: Calves	Farm Slaughter	Deaths: Cattle	Deaths: Calves
				Thousand Head				
1976	651	260	44	185	130	5	11	13
1977	611	250	44	170	117	5	11	17
1978	585	245	40	159	107	5	9	15
1979	575	260	40	151	102	5	8	14
1980	595	280	45	149	102	5	9	15
1981	640	290	30	134	92	5	11	18
1982	700	290	20	193	131	5	11	20
1983	650	295	25	162	109	5	12	22
1984	660	285	20	185	125	5	10	20
1985	620							

SHEEP AND LAMBS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1976-84

Year	Sheep & Lambs Jan. 1	Lambs Saved	Inship-ments	Marketings: Sheep	Marketings: Lambs	Farm Slaughter	Deaths: Sheep	Deaths: Lambs
				Thousand Head				
1976	153	102	114	12	185	3	16	20
1977	133	96	69	7	130	3	10	23
1978	125	96	68	8	121	3	13	19
1979	125	94	68	12	124	3	10	16
1980	122	93	68	6	110	3	9	21
1981	134	97	140	13	199	3	10	17
1982	129	92	159	18	221	3	10	18
1983	110	85	190	15	241	3	7	16
1984	103	83	164	7	215	3	8	17
1985	100							

HOGS AND PIGS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1976-84

Year	Hogs & Pigs 1/Dec. 1,	Pig Crop 1/ Dec.-May	Pig Crop June-Nov.	Inship-ments	Market-ings	Farm Slaughter	Death
	Number of Head						
1976	9,000	6,300	5,900	100	11,800	800	700
1977	8,000	7,700	7,500	100	12,700	900	700
1978	9,000	8,900	7,000	100	13,200	1,000	800
1979	10,000	9,800	8,400	100	15,300	1,000	1,000
1980	11,000	9,100	9,000	100	15,200	1,000	1,000
1981	12,000	9,100	9,100	---	15,200	1,000	1,000
1982	13,000	9,100	10,000	---	16,800	500	800
1983	14,000	11,000	11,000	---	20,700	400	900
1984	14,000	12,000	10,000	---	21,800	300	900
1985	13,000						

1/ December 1 of preceding year.

CATTLE AND CALVES: PRODUCTION AND INCOME, NEVADA 1976-84

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	Thousand Pounds				Thousand Dollars	
1976	175,325	234,517	58,960	78,594	2,118	80,712
1977	171,535	214,437	61,462	76,553	2,265	78,818
1978	173,310	199,507	88,511	101,376	3,317	104,693
1979	184,905	190,190	125,655	128,348	4,100	132,448
1980	198,185	190,050	126,602	120,864	3,464	124,328
1981	197,965	168,010	105,697	89,395	2,932	92,327
1982	209,305	262,015	100,572	124,001	2,154	126,155
1983	224,850	230,725	105,830	107,689	2,875	110,564
1984	219,110	258,425	105,263	123,418	2,392	125,810
1985						

SHEEP AND LAMBS: PRODUCTION AND INCOME, NEVADA 1976-84

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	Thousand Pounds				Thousand Dollars	
1976	7,922	17,596	3,500	7,160	99	7,259
1977	7,121	12,224	3,162	5,599	101	5,700
1978	7,460	11,804	4,106	6,453	134	6,587
1979	6,230	12,495	3,495	7,112	132	7,244
1980	7,730	12,210	4,151	7,122	129	7,251
1981	9,395	22,325	4,688	11,499	118	11,617
1982	8,925	25,185	3,615	10,228	93	10,321
1983	11,830	29,655	4,566	11,497	85	11,582
1984	10,775	25,625	5,372	12,937	110	13,047
1985						

HOGS AND PIGS: PRODUCTION AND INCOME, NEVADA 1976-84

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	Thousand Pounds				Thousand Dollars	
1976	2,668	2,524	1,205	1,141	124	1,265
1977	3,125	2,653	1,297	1,105	128	1,233
1978	3,385	2,913	1,680	1,451	169	1,620
1979	3,888	3,346	1,613	1,391	142	1,533
1980	3,578	3,322	1,404	1,307	134	1,441
1981	3,979	3,322	1,303	1,091	111	1,202
1982	3,813	3,596	1,669	1,577	75	1,652
1983	4,467	4,399	1,792	1,765	74	1,839
1984	4,688	4,566	1,658	1,616	49	1,665
1985						

SHEEP AND WOOL

Sheep and lamb inventories showed a decrease for the fourth consecutive year. At the present time, sheep and lamb numbers are less than one-tenth of the 1,340,000 head total which peaked 62 years ago. Wool production in 1984 is estimated at 840,000 pounds, grease basis. This is 13 percent below the 1983 production of 969,000 pounds. Sheep shorn and to be shorn during 1984 at 84,000 head, is 12 percent less than the number shorn last year. Fleece weight of 10.0 pounds per head is down slightly from the previous year.

Wool prices fluctuated considerably during the past decade ranging from 51 cents a pound in 1975 to 97 cents in 1981.

WOOL PRODUCTION AND VALUE, NEVADA 1975-84

Year	Sheep Shorn	Weight per Fleece	Wool Production	Price per Pound	Value
	Thou. Head	Pounds	Thou. Lb.	Cents	Thou. Dol.
1975	126	10.0	1,260	51	643
1976	120	10.2	1,224	69	845
1977	110	10.2	1,122	63	707
1978	102	10.4	1,061	69	732
1979	100	10.3	1,030	84	865
1980	108	10.0	1,080	88	950
1981	112	10.0	1,120	97	1,086
1982	104	9.8	1,019	67	683
1983	95	10.2	969	64	620
1984	84	10.0	840	89	748

SHEEP AND LAMBS ON FARMS AND RANCHES, BY COUNTIES
NEVADA, JANUARY 1, 1980-85

County	1980	1981	1982	1983	1984	1985
	-Number of Head-					
Carson City	2,000	2,000	2,000	1,500	2,800	2,800
Churchill	2,000	2,000	2,000	1,500	2,000	4,000
Douglas	7,000	9,000	8,000	6,000	9,000	9,000
Elko	34,000	39,000	40,000	37,000	34,000	31,000
Eureka	9,000	9,000	7,000	5,000	3,000	3,000
Humboldt	6,000	6,000	5,000	4,000	5,000	5,000
Lander	4,500	5,800	5,000	4,000	4,000	4,000
Lyon	14,000	15,000	14,000	13,000	10,000	9,000
Nye	4,000	4,000	4,000	3,000	2,000	2,000
Pershing	11,000	12,000	13,000	10,000	11,000	11,000
Washoe	3,000	4,000	3,500	2,500	1,500	1,500
White Pine	25,000	25,000	25,000	22,000	18,000	17,000
All Other	500	1,200	500	500	700	700
State Total	122,000	134,000	129,000	110,000	103,000	100,000

LIVESTOCK SLAUGHTER

Total liveweight of animals slaughtered in Nevada's commercial slaughter plants increased 11 percent during 1984. Advances occurred through the first part of the year. Cattle accounted for 8.2 million pounds or 88 percent of the total compared with 87 percent a year earlier. These estimates include slaughter in Nevada's 6 Federally inspected plants, but exclude animals slaughtered on farm and ranches.

COMMERCIAL LIVESTOCK SLAUGHTER BY CLASSES, NEVADA, 1980-84

Species and Year	Head	Liveweight		Specie and Year	Head	Liveweight	
		Average	Total			Average	Total
	No.	Pounds	Thou. Lb.		No.	Pounds	Thou. Lb.
Cattle				Sheep & Lambs			
1980	5,900	1,040	6,168	1980	2,700	111	299
1981	5,100	1,063	5,450	1981	2,600	109	287
1982	4,900	1,109	5,434	1982	2,800	115	321
1983	6,200	1,172	7,231	1983	3,000	116	350
1984	7,200	1,142	8,183	1984	2,700	113	311
Calves				Hogs			
1980	---	---	---	1980	5,700	217	1,245
1981	100	301	29	1981	4,300	216	935
1982	100	386	19	1982	3,300	227	754
1983	---	---	---	1983	3,300	229	758
1984	100	374	34	1984	3,500	213	747

COMMERCIAL LIVESTOCK SLAUGHTER BY MONTHS, NEVADA 1984 1/

Month	Cattle		Calves		Sheep & Lambs		Hogs		All Species
	Head	Total Live-Weight	Head	Total Live-Weight	Head	Total Live-Weight	Head	Total Live-Weight	Total Liveweight
	No.	Thou. Lb.	No.	Thou. Lb.	No.	Thou. Lb.	No.	Thou. Lb.	Thou. Lb.
January	500	611	-	-	200	18	300	64	693
February	600	697	-	-	100	11	300	64	772
March	800	876	-	-	100	12	200	55	943
April	700	779	-	-	200	20	200	52	851
May	700	776	-	-	400	41	600	113	930
June	600	723	-	-	300	34	300	58	815
July	500	617	-	-	400	42	300	56	715
August	600	665	-	-	300	33	300	57	755
September	500	530	-	-	300	28	200	55	613
October	600	692	-	-	200	28	300	56	776
November	600	639	-	-	200	24	300	56	719
December	500	577	-	-	200	21	300	61	659
Total	7,200	8,183	100	34	2,700	311	3,500	747	9,275

1/ Total may not add due to rounding. Months with no data are not printed to avoid disclosing individual operations, but data are included in annual totals.

DAIRY SUMMARY

Milk produced on Nevada's farms and ranches during 1984 was estimated at 251 million pounds--up 6 percent from a year earlier.

Of the 251 million pounds produced, 246 million pounds (milk equivalent for cream included) was marketed and the remaining 5 million pounds was utilized on farms and ranches where produced. Cash receipts for milk and cream marketings totaled 33.2 million, up 7 percent from 1983. Producers received an average $13.50 per cwt. for fluid milk marketed in 1984 compared with $13.40 in 1983.

Ice cream production in 1984 totaled 1,473,000 gallons--up 10 percent from a year earlier. Ice milk production at the 1,483,000 gallon level was up 11 percent, and sherbert at 84,000 gallons was up 2 percent from the 1983 output.

MILK: PRODUCTION, FARM VALUE, UTILIZATION, AND MARKETING RECEIPTS
NEVADA, 1975-1984

Year	MILK					
	Production	Farm Value of Production	Utilization: Farm Uses	Utilization: Sold 1/	Marketing Per Lb. Milk Fat	Receipts Cash Receipts
	Million Pounds	Thousand Dollars		Million Pounds	Dollars	Thousand Dollars
1975	168	14,935	5	163	2.46	14,487
1976	191	18,221	5	186	2.70	17,738
1977	198	19,404	5	193	2.83	18,906
1978	187	19,560	5	182	2.98	19,033
1979	199	22,885	5	194	3.34	22,310
1980	219	27,813	5	214	3.62	27,178
1981	223	29,082	5	218	3.79	29,212
1982	225	29,925	5	220	3.73	29,260
1983	237	31,758	5	232	3.81	31,088
1984	251	33,885	5	246	3.78	33,210

1/ Milk equivalent of cream sold.

MILK: COWS MILKED, PRODUCTION PER COW, TOTAL PRODUCTION
NEVADA, BY QUARTER, 1982-84

Quarter	Cows Milked 1/			Milk per Cow 2/			Milk Production 2/		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Thousands			Pounds			Million Pounds		
Jan.-March	16.0	16.4	17.5	3,290	3,460	3,455	52.7	56.7	60.5
Apr.-June	16.0	16.6	17.7	3,660	3,730	3,665	58.5	61.9	64.9
July-Sept.	16.0	16.8	17.9	3,630	3,550	3,565	58.1	59.7	63.8
Oct.-Dec.	16.0	17.0	18.0	3,480	3,450	3,435	55.7	58.7	61.8
Annual	16.0	16.7	17.8	14,063	14,192	14,101	225.0	237.0	251.0

1/ Excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.

ALL MILK PRICE, VALUE OF CONCENTRATE RATIONS FED TO MILK COWS, AND MILK-FEED PRICE RATIONS, NEVADA BY MONTHS, 1982-1984

Month	All Milk Price Per Cwt.			Value of 100 Pounds of Concentrate Rations Fed			Milk Feed Price Ratios		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Dollars			Dollars			Numbers		
January.	13.90	13.70	14.00	7.00	7.30	8.00	1.99	1.88	1.75
February	13.70	13.70	13.65	7.00	7.40	7.90	1.96	1.85	1.73
March. .	13.30	13.50	13.60	7.00	7.50	7.90	1.90	1.80	1.72
April. .	13.15	13.25	13.45	7.00	7.80	7.90	1.88	1.70	1.70
May. . .	13.00	13.10	13.10	7.10	7.70	8.10	1.83	1.70	1.62
June . .	13.00	13.00	13.00	7.30	7.60	8.30	1.78	1.71	1.57
July . .	12.80	13.00	12.70	7.50	7.50	8.50	1.71	1.73	1.49
August .	12.95	12.90	13.15	7.40	7.70	8.30	1.75	1.68	1.58
September	13.25	13.15	13.45	7.30	7.90	8.10	1.82	1.66	1.66
October.	13.50	13.60	13.60	7.30	8.00	8.00	1.85	1.70	1.70
November	13.60	13.75	14.00	7.30	8.00	8.00	1.86	1.72	1.75
December	13.75	13.95	14.10	7.30	8.00	8.00	1.88	1.74	1.76
Annual	13.30	13.40	13.50	7.22	7.72	8.06	1.84	1.74	1.67

AVERAGE FAT TEST OF MILK SOLD BY FARMERS AND QUANTITIES OF DAIRY PRODUCTS MANUFACTURED, NEVADA BY MONTHS, 1982-1984

Month	Fat Test of Milk Sold			Dairy Products Manufactured 1/					
				Ice Cream 2/			Ice Milk 2/		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Percent			Thousand Gallons					
January	3.83	3.73	3.72	96	87	100	50	82	88
February	3.69	3.70	3.64	106	95	115	54	85	101
March .	3.56	3.63	3.61	104	115	129	65	100	113
April .	3.51	3.52	3.56	108	98	114	66	111	116
May . .	3.42	3.43	3.45	112	120	130	68	128	130
June .	3.41	3.40	3.40	108	140	132	67	136	140
July. .	3.39	3.35	3.32	132	130	160	80	137	160
August	3.42	3.34	3.43	134	144	153	82	144	156
September	3.51	3.41	3.53	107	122	119	69	134	122
October	3.63	3.49	3.72	92	108	122	63	121	119
November	3.67	3.62	3.82	85	99	107	53	78	121
December	3.92	3.69	3.85	82	87	92	49	81	117
Annual	3.57	3.52	3.57	1266	1345	1473	766	1337	1483

1/ Sherbert production on annual basis: 1982-90,000 gallons; 1983-82,000 gallons; 1984-84,000 gallons. Other items manufactured are not shown when less than 3 plants have reported since individual operations might be disclosed. 2/ Includes production in regular dairy plants and soft frozen products sold directly from a freezer.

MILK COWS AND PRODUCTION, BY COUNTIES, NEVADA 1981-84

County	1981			1982		
	Milk Cows	Milk Per Cow	Milk Production	Milk Cows	Milk Per Cow	Milk Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill. . . .	3,600	14,900	53.6	4,100	14,600	59.9
Clark.	7,200	13,600	97.9	6,800	13,300	90.4
Douglas.	2,200	15,000	33.0	2,200	14,700	32.3
Lyon	1,600	15,400	24.6	1,700	15,200	25.8
Washoe	600	14,000	8.4	700	13,900	9.7
All Others . . .	400	13,700	5.5	500	13,800	6.9
State Total. . .	15,600	14,295	223.0	16,000	14,063	225.0

County	1983			1984		
	Milk Cows	Milk Per Cow	Milk Production	Milk Cows	Milk Per Cow	Milk Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill. . . .	5,400	14,600	78.8	5,800	14,500	84.1
Clark.	6,400	13,400	85.8	6,600	13,400	88.4
Douglas.	2,200	14,800	32.6	2,300	14,600	33.6
Lyon	1,500	15,300	23.0	1,600	15,100	24.2
Washoe	700	14,000	9.8	700	13,900	9.7
All Others . . .	500	13,900	7.0	800	13,700	11.0
State Total. . .	16,700	14,192	237.0	17,800	14,101	251.0

HONEY BEE COLONIES, HONEY & BEESWAX PRODUCTION
VALUE OF PRODUCTION, NEVADA 1974-82

Year	Colonies	Pounds Honey Produced		Beeswax Produced	Value of Production				Honey Stocks
					Honey		Beeswax		
	Thou.	Per. Colony	Total Thou. Pound	Thou. Pound	Dollars per Pound	Total Thou. Dollars	Dollars per Pound	Total Thou. Dollars	Dec. 15 Thou. Pound
1974	7	100	700	12	.502	551	1.23	15	35
1975	8	55	440	6	.580	255	1.10	7	132
1976	9	55	495	7	.533	264	1.15	8	20
1977	10	55	550	9	.572	315	1.75	16	193
1978	9	40	360	6	.602	217	1.85	11	108
1979	12	35	420	6	.603	253	1.89	11	105
1980	11	60	660	13	.720	475	1.67	22	231
1981	12	35	420	7	.750	315	1.90	13	88
1982	Discontinued								

CHICKEN AND EGGS

Total chickens on Nevada farms and ranches were estimated at 17,000 birds on December 1, 1984. This was up 31 percent from a year earlier and 13 percent above the December 1, 1982 level. Of the total chickens, 12,000 birds were of laying age on December 1, 1984.

Total value of chickens in Nevada on December 1, 1984 came to $46,000 which was up 39 percent from a year earlier. Value per bird, at $2.70 was up 15 cents from a year ago.

CHICKENS ON FARMS, DECEMBER 1, 1982-84 1/

Species	Nevada				United States			
	1982	1983	1984	84 as % of 83	1982	1983	1984	84 as % of 83
	Thousand Head			Percent	Thousand Head			Percent
Total Chickens	15	13	17	131	378,609	364,880	373,953	102
Laying Age	10	10	12	120	288,968	278,517	285,703	103
Hens	8	8	9	113	133,103	132,674	119,148	90
Pullets	2	2	3	150	155,865	145,843	166,555	144
All Others	5	3	5	167	89,641	86,363	88,150	102

VALUE OF CHICKENS ON FARMS, DECEMBER 1, 1982-84 1/

Value	Nevada			United States		
	1982	1983	1984	1982	1983	1984
Per Head	2.00	2.55	2.70	1.85	1.96	2.02
Total thou. dol.	30	33	46	701,474	716,700	755,618

1/ Excludes commercial broilers.

EGG PRODUCTION: NUMBER OF LAYERS, EGGS PER LAYER AND TOTAL PRODUCTION, BY QUARTERS, NEVADA 1982-84

Quarter	Layers			Eggs per 100 Layers 1/			Total Production		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Thousands			Number			Thousands		
Dec. 2/ Feb.	10.0	10.0	10.0	3,996	3,600	4,095	405	306	410
March - May	10.0	10.0	11.0	5,060	4,600	5,060	506	460	557
June - Aug.	10.0	10.0	12.0	4,876	5,060	5,520	488	506	662
Sept. - Nov.	10.0	10.0	12.0	3,913	4,095	4,778	391	410	573
Total 3/	10.0	10.0	11.3	180	180	195	1,790	1,736	2,202

1/ Number of eggs produced divided by average number of layers on hand. 2/ December preceding year. 3/ Layers are the average during the year. Rate of lay is the annual per layer.

EGGS: PRODUCTION, DISPOSITION AND INCOME, NEVADA, 1982-84

Year	Eggs Produced	Home Consumption	Eggs Sold	Price Per Dozen	Cash Receipts	Value of Home Consumption	Gross Income
	Million Eggs			Cents	Thousand Dollars		
1982	1.8	.8	1.0	51.9	43	35	78
1983	1.8	.8	1.0	47.9	40	32	72
1984	2.3	.8	1.5	49.2	62	33	95

NEVADA MIDMONTH PRICES RECEIVED, 1981-1984, (DOLLARS)

Commodity	Unit	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Wt. Av. 1/
Beef Cattle	Cwt.	1981	57.00	57.40	54.60	56.50	50.90	49.90	52.20	50.70	49.80	48.40	47.30	40.00	51.30
		1982	41.20	44.80	46.10	46.90	46.60	46.40	45.50	48.80	44.90	43.90	44.20	36.50	44.40
		1983	41.60	48.20	51.20	47.30	45.20	43.80	42.20	43.50	40.30	41.70	39.50	39.00	43.40
		1984	44.40	46.60	45.70	44.80	40.80	45.20	44.70	44.70	45.10	39.60	34.20	43.00	45.20
Steers & Heifers	Cwt.	1981	66.00	64.00	61.80	63.20	58.40	58.30	60.30	59.40	57.70	56.10	54.90	53.90	59.70
		1982	50.70	57.10	57.80	56.80	57.40	56.80	52.00	64.30	55.60	55.10	54.70	53.00	56.00
		1983	53.70	57.80	59.50	58.40	56.80	54.20	50.60	50.20	49.10	52.90	51.50	47.60	53.50
		1984	58.10	56.10	55.90	53.10	51.30	56.10	52.60	52.30	55.00	52.70	52.80	55.10	54.60
Cows	Cwt.	1981	41.70	42.10	40.90	44.00	41.80	41.40	41.00	41.30	40.80	37.40	34.90	33.10	39.80
		1982	35.60	35.10	38.50	38.00	39.10	39.60	38.00	37.40	37.10	35.80	33.00	31.60	36.10
		1983	32.70	38.70	43.30	41.10	41.50	39.40	38.50	38.50	36.90	33.10	32.60	32.60	36.90
		1984	33.60	37.30	38.90	39.80	37.50	38.40	42.10	38.40	36.40	34.20	26.90	35.00	35.70
Calves	Cwt.	1981	67.90	68.00	68.00	70.40	63.60	62.90	55.20	57.90	59.20	60.40	60.10	57.90	63.10
		1982	58.70	60.10	61.80	62.80	59.20	62.90	58.00	57.60	57.80	60.20	58.70	56.70	59.60
		1983	60.10	63.90	66.90	65.50	63.90	60.40	55.00	56.40	53.40	58.00	57.30	62.00	61.40
		1984	61.60	58.60	60.50	62.50	59.70	56.40	57.40	54.80	58.20	61.40	58.50	58.80	59.30
Sheep	Cwt.	1981	19.20	20.20	20.50	16.70	17.00	17.80	17.90	18.00	16.00	18.30	19.80	20.00	18.00
		1982	13.40	17.80	22.30	16.90	13.50	16.80	13.30	14.10	12.20	13.60	9.10	16.10	13.80
		1983	12.30	12.80	14.20	25.00	16.60	8.40	7.60	6.30	7.20	7.00	10.70	7.60	9.90
		1984	18.30	17.10	20.30	20.00	11.40	9.00	15.30	12.10	11.20	15.90	14.50	22.90	14.80
Lambs	Cwt.	1981	50.60	56.00	49.00	58.00	58.30	62.40	60.50	51.50	51.10	49.50	50.20	48.70	53.80
		1982	38.40	39.10	38.90	2/	48.50	51.20	44.40	44.90	41.00	40.10	37.20	38.80	42.90
		1983	35.30	35.90	42.50	46.50	36.70	45.00	34.60	30.80	34.40	38.70	44.30	46.10	40.80
		1984	47.00	45.60	39.40	40.70	2/	52.90	48.30	54.70	50.00	56.80	55.90	53.30	51.80
Alfalfa Hay	Ton	1981	97.00	99.00	93.00	90.00	85.00	84.00	80.00	74.00	70.00	70.00	75.00	74.00	N/A
		1982	74.00	74.00	74.00	79.00	84.00	86.00	82.00	90.00	90.00	95.00	95.00	92.00	N/A
		1983	92.00	94.00	93.00	92.00	97.00	94.00	98.00	97.00	99.00	99.00	99.00	99.00	N/A
		1984	95.00	98.00	95.00	90.00	80.00	80.00	84.00	75.00	70.00	70.00	75.00	80.00	N/A
Other Hay	Ton	1981	78.00	80.00	74.00	71.00	68.00	67.00	65.00	60.00	55.00	55.00	60.00	60.00	N/A
		1982	60.00	60.00	60.00	65.00	70.00	75.00	70.00	78.00	78.00	83.00	80.00	77.00	N/A
		1983	77.00	75.00	74.00	70.00	80.00	75.00	79.00	78.00	80.00	75.00	75.00	75.00	N/A
		1984	75.00	78.00	75.00	70.00	60.00	62.00	64.00	55.00	55.00	55.00	65.00	60.00	N/A
All Hay	Ton	1981	91.00	93.00	87.00	84.00	80.00	79.00	75.00	70.00	65.00	65.00	70.00	70.00	70.00
		1982	70.00	70.00	70.00	75.00	80.00	83.00	78.00	86.00	86.00	91.00	90.00	87.00	86.50
		1983	87.00	88.00	87.00	85.00	92.00	88.00	92.00	91.00	93.00	92.00	92.00	92.00	91.00
		1984	89.00	92.00	89.00	84.00	74.00	74.00	78.00	69.00	65.00	65.00	72.00	74.00	73.00

1/ Average for crops based on crop year marketing season -- livestock and products based on calendar year.
2/ Insufficient sales to establish price.

CONSUMPTION BY KIND OF FERTILIZER, NEVADA, YEARS ENDED JUNE 30, 1982-84

Kind of Fertilizer	1982	1983	1984
		Tons	
Anhydrous ammonia	371	273	251
Ammonium nitrate	232	879	789
Ammonium sulphate	3,361	2,247	3,969
Nitrogen solution	4,193	5,899	4,910
Urea	410	415	901
Other nitrogen materials	603	203	650
Ammonium phosphates	2,645	2,697	1,585
Superphosphate	977	1,611	2,138
Other phosphates	2	2	16
Potash materials	448	130	131
Gypsum	8,369	2,686	7,072
Other secondary and micronutrients	765	503	652
Natural organics	1,752	1,891	1,246
Total direct-application material	24,128	19,436	24,310
Total commercial mixtures	5,812	5,152	5,521
Total all kinds of fertilizer	29,940	24,588	29,831

AVERAGE PRICES PAID BY FARMERS AND RANCHERS FOR FEED, NEVADA, 1981-84

Commodity	Unit	1981	1982	1983	1984
			Dollars		
Feed:					
Dairy feed, 14%	Ton	198.00	194.00	196.00	207.00
Dairy feed, 16%	"	230.00	226.00	226.00	237.00
Bran	Cwt.	13.80	12.70	12.50	12.00
Cottonseed meal, 41%	"	19.40	17.90	17.50	16.00
Stock salt	"	5.30	5.30	5.50	5.50

CASH RECEIPTS FROM FARM MARKETINGS BY COMMODITIES, NEVADA 1982-84

Item	1982		1983		1984	
	Thou. Dol.	% of Total	Thou. Dol.	% of Total	Thou. Dol.	% of Total
Cattle & Calves	124,001	52.3	107,689	47.1	123,418	48.9
Dairy Products	29,260	12.4	31,088	13.6	33,210	13.2
Sheep & Lambs (Including Wool)	10,911	4.6	12,117	5.3	13,684	5.4
All other Livestock & Products	1,921	.8	2,126	.9	2,060	.8
Total Livestock & Products	166,093	70.1	153,020	66.9	172,372	68.3
All Hay	37,884	16.0	45,818	20.1	41,634	16.5
Alfalfa Seed	4,778	2.0	4,658	2.0	5,198	2.0
Potatoes	13,481	5.7	11,043	4.8	18,663	7.4
Food & Feed Grains	9,039	3.8	7,612	3.3	8,837	3.5
Vegetables	4,604	2.0	5,856	2.6	5,223	2.1
Cotton, lint & seed	552	.2	--	--	--	--
All other Crops	394	.2	573	.3	403	.2
Total Crops	70,732	29.9	75,560	33.1	79,958	31.7
Total All Commodities	236,825	100.0	228,580	100.0	252,330	100.0

PRODUCTION EXPENSES OF NEVADA FARMERS AND RANCHERS, 1982-1984 1/

Item	1982	1983	1984
	- - - Million Dollars - - -		
Feed	29.4	36.5	35.7
Livestock	13.5	16.1	13.7
Seed	3.7	3.5	4.2
Fertilizer and lime	5.6	6.5	6.3
Repair and operation of capital items	28.3	26.4	26.3
Hired labor	24.3	23.3	24.0
Miscellaneous	53.9	53.1	57.2
Total current farm operating expenses	158.6	165.5	167.3
Depreciation and other consumption of farm capital	46.9	46.8	45.2
Taxes on farm mortgage debt	3.1	4.0	3.9
Interest on farm mortgage debt	25.8	27.4	27.8
Net rent to nonfarm landlords	5.7	5.5	5.2
Total Production Expense	240.1	249.1	249.3

FARM INCOME CONTINUES AT RELATIVELY LOW LEVEL

Net farm income in 1984 totaled $19.3 million dollars compared with $53.5 million as recent as 1980. A slight increase from 1983 was due to cash receipts from farm marketings as farm production expenses were at about the same level as a year earlier.

FARM INCOME, NEVADA, 1982-1984 1/

Item	1982	1983	1984
	- - - Million Dollars - - -		
Realized gross farm income			
Cash receipts from farm marketings	236.8	228.6	252.3
Government payments	4.4	4.1	4.5
Nonmoney income	29.6	28.6	21.7
Other farm income	2.0	1.6	2.0
Total gross farm income	272.8	262.9	280.5
Farm production expenses	240.1	249.1	249.3
Realized net farm income	32.7	13.8	31.2
Net change in farm inventories	- 8.9	+ 4.9	-11.9
Total net farm income	23.7	18.8	19.3

1/ Details may not add to totals due to rounding.

NEVADA COUNTIES AND CROP REPORTING DISTRICTS